DANIEL N. LEYZBERG

420 Temple St., Apt. 501 ▪ New Haven, Connecticut 06511
(732) 642-8550 ▪ dan.leyzberg@yale.edu ▪ www.danleyzberg.com

Education

YALE UNIVERSITY *New Haven, CT* (2007 - **Present**)
- Ph.D., Computer Science, **Expected August 2014**.
  - **Dissertation**: *Creating Personalized Robot Tutors That Adapt to Students' Individual Learning Differences.*
- M.S., Computer Science, 2009.

RENSSELAER POLYTECHNIC INSTITUTE *Troy, NY* (2004 - 2007)
- Dual B.S., Mathematics and Computer Science, *Summa Cum Laude.*

Teaching Experience

HAMDEN HALL COUNTRY DAY SCHOOL, Instructo**r** *Hamden, CT* (Fall 2008 - **Present**)
- Teach one section of "Computer Science Principles" and one section of "AP Computer Science."
- Developed all new course material for both classes, including syllabi, lectures, homework, and exams.

HAMDEN HALL COUNTRY DAY SCHOOL SUMMER ACADEMY, Instructor *Hamden, CT* (2010, 2011)
- Developed and taught an "Introduction to Robotics" course for fourth through eighth grades.

YALE UNIVERSITY, Graduate Teaching Assistant *New Haven, CT* (Fall 2009 - Spring 2010)
- Performed one-on-one tutoring, grading, and led discussion, review, and lab sections for three courses: "Introduction to Computer Science," "Introduction to Programming," and "Artificial Intelligence."

RENSSELAER POLYTECHNIC INSTITUTE, Undergraduate Teaching Assistant *Troy, NY* (Spring 2006)
- Performed one-on-one tutoring for "Data Structures & Algorithms."

Publications

JOURNAL ARTICLES
- E. S. Kim, L. D. Berkovits, E. P. Bernier, D. Leyzberg, F. Shic, R. Paul, and B. Scassellati. 2012. **Social Robots as Embedded Reinforcers of Social Behavior in Children with Autism**. *Journal of Autism & Developmental Disorders*.

CONFERENCE PAPERS
- D. Leyzberg, S.Spaulding, and B. Scassellati. 2014. **Personalizing Robot Tutors to Individuals' Learning Differences**. *Proceedings of the 9th ACM/IEEE Int. Conference on Human Robot Interaction*. Bielefeld, Germany.
- D. Leyzberg, S. Spaulding, M. Toneva, and B. Scassellati. 2012. **The Physical Presence of a Robot Tutor Increases Cognitive Learning Gains**. *Proceedings of the 34th Conference of the Cognitive Science Society.* Sapporo, Japan.
- D. Leyzberg, E. Avrunin, J. Liu, and B. Scassellati. 2011. **Robots That Express Emotion Elicit Better Human Teaching**. *Proceedings of the 6th ACM/IEEE Int. Conference on Human Robot Interaction.* Lausanne, Switzerland.
- E. S. Kim, D. Leyzberg, K. M. Tsui, and B. Scassellati. 2009. **How People Talk When Teaching a Robot**. *Proceedings of the 4th ACM/IEEE Int. Conference on Human Robot Interaction.* San Diego, CA.

TALKS & PANELS
- N. Parlante, et. al. 2008. **Nifty Assignments: Asteroids (CS1-CS2)**. *39th ACM Technical Symposium on Computer Science Education (SIGCSE)*. Portland, OR.

Professional Activities

- Reviewer for: Epigenetic Robots 2010, Human Robot Interaction 2009, 2010, 2011, 2012, 2013, 2014.
- Departmental Service: Graduate Teaching Liaison, 2009-10.